SBR-NO-171/16-17
Dat- 26/10/2016

M. A. R. 57 (Rule 116)
Measurement Book

BR-589
28/10/16

No. B

265623

Serial No. 2nd and final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... Jayaprakash. T. Contractor

Date of commencement of work ..... D.O. Recording : 21/10/2016

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of work :	Improvements to Balance Roads and drains at Kuvampunagar. 2nd stage and Surrounding Roads in Ward No. 11 (Kuvampunagar) Vidyaranyapura Sub-Division					
	Estimated cost Rs =	30.00 Lakh					
	Work order no :	EE/BTD/BBMP/E-PMT/03C19655/WO/337/2015-16					
	NB. No =	011-15-000051					
	Date of commencement.						

Reference to last Measurement 8
479-00
645-00
5579-00
6645-00
2664-00
53290-00
215823-
24,48,656-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Date of completion:						
(1)	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 mts and an average lift upto 0.500m, excavated surface levelled and sides neatly dressed, the disposal earth to be levelled neatly after breaking clods etc complete as per specification and direction of Engineer-in-charge of work						

M. A. R.
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Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	Len
1	2	3	4
		qty lin of th	
(2)	Providing and laying in position of mix 1:4:8 with opc cem and down size graded granite @ 0.85y3 and free aggregate mixed concrete land's layer		

Contents 7	Reference to last Measurement 8
ordinary upto stated the disposal clods ...s of	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265624

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		qty brought forward of this MB. =			263.48 m³	@ 75/m³	19761.00
(2)	Providing and laying in position plain cement concrete of mix 1:4:8 with opc cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregate @ 0.85 m³ and fine aggregate @ 0.57 m³, machine mixed concrete laid in layers not exceeding 15cms						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
	thick well compacted for foundations and plinth, including costing all material, labour, hiring machinery curing etc complete as per specifications and directions of Engineer-in-charge of work.						
		qty as per this MB. P					19,8834.00
		It no. (2) = 263.48 y^3 @ 4550.00/y^3					
(3)	Providing and laying cement concrete using 20mm and down size granite jelly of Ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with						

M. A.

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency ..... From.

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	necessary cement to withstand pumping of c Lifts etc complete for Raft Mat and decently beams etc and directions of Engineer-in-	
	(9) Kurmpundagur. 2nd stage. Tiruvenikad	1 30. 1 30. 1 20.

28 X

BOOK

Dimensions		Contents	Reference to last Measurement
dth	Depth 6	7	8
and plinth, including			
Machinery curing			
d directions			
this MB. P			19,8834.00
② = 263.48 m³ @			
4550.00/m³			
nerete using 20mm			
ready mixed concrete			
5cms thick layers			
curing, finishing with			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265625

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	necessary cement mortar, form works and dewatering to withstand pumping of concrete with all lead and lifts etc complete for Raft foundations, column footing, main and secondary beams etc complete as per specifications and directions of Engineer-in-charge of the work.						
	(9) Kurmpundapur. 2nd Stage. Trivandrum Road	1	30.00	$\frac{5.25+4.9}{2}$	0.125	= 19.03	
		1	30.00	$\frac{4.9+4.1}{2}$	0.125	= 16.88	
		1	20.00	$\frac{4.1+4.2}{2}$	0.125	= 10.38	
	26 x						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(b) Valmiki Nagar. 4th cross	1	30.00	$\frac{5.5+4.5}{2}$	0.125	= 18.75	
		1	5.00	4.50	0.125	= 2.81	
	(c) Kuvempu Nagar. 1st stage 4th cross Road	1	30.00	$\frac{3.5+3.6}{2}$	0.125	= 13.31	
	Checked.	1	30.00	$\frac{3.6+3.3}{2}$	0.125	= 12.94	
		1	30.00	$\frac{3.3+3.4}{2}$	0.125	= 12.56	
		1	30.00	$\frac{3.4+4.0}{2}$	0.125	= 13.88	
	(d) - 3rd cross Road (from - 107 mts to 212 mts)	1	31.00	$\frac{4.0+4.5}{2}$	0.125	= 16.47	
		1	13.00	$\frac{4.2+4.0}{2}$	0.125	= 6.66	

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Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency ..... From....

Date of commencement of work .....

Date	Full description, etc, of work	Number	L
1	2	3	
		1	30
		1	30.
	(e) Balane. Road - Singapura Behind - Varadaraj Swamy - Temple. Ch - 13.6 to 46.10 mts	1	32.
		1	32.

Contents 7	Reference to last Measurement 8
18.75	
2.81	
13.31	
12.94	
12.56	
13.88	
16.47	
6.66	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265626

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	$\frac{4.0+5.0}{2}$	0.125	16.88	
		1	30.00	$\frac{5.0+5.4}{2}$	0.125	19.50	
		1	32.00	$\frac{5.4+5.0}{2}$	0.125	20.80	
	(e) Balance. Road - Sisgpur Behind. Varadaraj Swamy. Temple. Ch - 13.600 to 46.100	1	32.00	$\frac{5.1+4.4}{2}$	0.125	19.36	
					Total	220.194 m³	
					Add to	242.56 m³	12,47,101.00
						e 5680 m³	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(4)	Vaccum de-watering with vaccum pump and compaction with skin floater clubbed with floating disc including costing generator hiring of machinery forced vibrating, power blade and disc etc complete as per specifications and directions of Engineer-in-charge of work.						
	(a) Kuvempunagar. 2nd stage Trans. Road (0.00 to 80.00 mts)	1	30.00	$\frac{5.25+4.9}{2}$	=	152.25	
		1	30.00	$\frac{4.9+4.1}{2}$	=	135.00	
		1	20.00	$\frac{4.1+4.2}{2}$	=	83.00	
	(b). Valmiki Nagar. 4th cross	1	30.00	$\frac{5.5+4.5}{2}$	=	150.00	

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Serial No. .....
Name of Work ..... From...
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	(c). Kuvempunagar. 2nd stage 4th cross.	1
		1
		1
		1
		1
	(d). 3rd cross. ch (107 mts. 212.0 mts)	1
		1

OK

Depth 6	Contents 7	Reference to last Measurement 8

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	4.0+5.0 / 2		135.00	
		1	30.00	5.0+5.4 / 2		156.00	
		1	32.00	5.4+5.0 / 2		166.40	
	(e) Balance Road e Rasyapura Behind Temple (Ch. 13.60 to 46.10 m)	1	32.00	5.1+4.0 / 2		154.88	
				Total :		1761.65 m²	
				Lbd to e 20/12		1756.50 m²	40520.00
	(5) Providing groove cutting for width of 5mm to 10mm and depth 5mm to 10mm including cost of cutting machine generator, hamer machinery including						

M. A. R.
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Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Number 3	Le
	cost of blade, coolant etc fin and providing sand and hot filler metal etc, including cost materials, labours, lead and L incidental charges as per drawi Concrete pavement, etc complete and directions of engineer-in	8	4.20
		6	4.00
		9	3.00

	Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		6	4.20	-	-	25.20	
		9	4.00	-	-	36.00	
		5	5.00	-	-	25.00	
						175.30 y²	
					Ltd to	174.50 y²	
						@ 110/y²	19195.00
	(6) Lead for disposal of debris shall be payable at Company rates by mechanical means including and loading and unloading etc complete as per specifications and directions of Engineer-in-charge after work.						
		Qty ext.					
							333355.20
		=			263.48 y³		
		Ltd to.			240.00 y³ @	138.98/y³	

AEE (VRP) SD

M. A. R. 57
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Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work		
1	2	Number 3	Length 4
	Certificate		
	(1) Certified that the contractor		
	Satisfactorily.		
	(2) The contractor has removed the		
	(3) There is no any materials issued		
			21/10/

OK

Depth 6	Contents 7	Reference to last Measurement 8
-	25.20	
-	36.00	
-	25.00	
	175.30 y²	
Lad	174.30 y²	
	@ 110/y²	19195.00
yabre at Consys		
wody and		
ions and directions		
①		33355.20
48 y³		
04 y³ @	138.98/y³	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265629

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Total Rs.		26,58,766.00
	Certificate ① Certified that the contractor has work done satisfactorily. ② The contractor has removed the debris from worksite ③ There is no any materials issued to contractor. departmently						
			21/10/2016				

AEE (VRP) SD

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Valmiki Nagar 35 mtr						
	W0516 80 mtr						
	Nandu-Lenyonk Main Road						
	4th CROS	W0558					
	15 lmts						
	3RD CROS	W566					
	105 mt → ← 21/10/2016 Ch.104 to 242 mts						

Kurumbunagar. Main Road

AEE (VRP) SD

M. A. R. 57

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Serial No. .....

Name of Work ..... From.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Lengt
1	2	3	4

Audited & Admitted for Rs 26,58,766-00

24,43,405-00 by Cheque

and Rs 215361-00 by adjustment

Accts Supdt. Sub Engineer

Byatarayanapura Dn Byatarayanapura Dn.

BBMP BBMP.

tents	Reference to last Measurement
7	8

RP) SD

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265630

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Audited & Admitted for Rs 26,58,766-00 24,43,405-00 by Cheque and Rs 215361-00 by adjustment Accts Supdt Byatarayanapura Dn BBMP Sr. Engineer Byatarayanapura Dn BBMP. 4/11/24					Total Rs: 26,58,766-00 IT - 26588-00 VAT - 106351-00 Cess - 26588-00 CBF - 2659-00 LR - 53175-00 Adj. 215361-00 Cheque: 24,43,405-00	